

**ASSIGNMENT NO 09**  
**APPLYING SQL Queries**  
**ON PROJECT**

**Name:**

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**ROLL NO:**

**110839**

**Submitted to:**

**Mam Sehrish**

**Subject:**

**Database Management**  
**System**

# Screenshots of Queries

```
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.40 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| clothing_store_chain |
| college |
| dept |
| employee |
| home |
| information_schema |
| mysql |
| performance_schema |
| sys |
| waleed |
+-----+
10 rows in set (0.05 sec)

mysql> use clothing_store_chain;
Database changed
mysql> show tables;
+-----+
| Tables_in_clothing_store_chain |
+-----+
| customer |
| inventory |
| order |
| orderitem |
| product |
| productreturn |
| reviewflag |
+-----+
```

```
mysql> desc customer;
```

Field	Type	Null	Key	Default	Extra
CustomerID	int	NO	PRI	NULL	
Name	varchar(100)	YES		NULL	
Email	varchar(100)	YES		NULL	
Preference	text	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> desc inventory;
```

Field	Type	Null	Key	Default	Extra
InventoryID	int	NO	PRI	NULL	
ProductID	int	YES	MUL	NULL	
Quantity	int	YES		NULL	
StoreLocation	varchar(100)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> desc `order`;
```

Field	Type	Null	Key	Default	Extra
OrderID	int	NO	PRI	NULL	
CustomerID	int	YES	MUL	NULL	
OrderDate	date	YES		NULL	
TotalPrice	decimal(10,2)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> desc orderitem;
```

Field	Type	Null	Key	Default	Extra
OrderItemID	int	NO	PRI	NULL	
OrderID	int	YES	MUL	NULL	
ProductID	int	YES		NULL	
Price	decimal(10,2)	YES		NULL	
Quantity	int	YES		NULL	

```
mysql> desc product;
```

Field	Type	Null	Key	Default	Extra
ProductID	int	NO	PRI	NULL	
ProductName	varchar(100)	YES		NULL	
Size	int	YES		NULL	
FabricType	varchar(50)	YES		NULL	
Season	enum('Spring','Fall','Wedding')	YES		NULL	
Description	text	YES		NULL	

```
6 rows in set (0.00 sec)
```

```
mysql> desc productitem;
```

```
ERROR 1146 (42S02): Table 'clothing_store_chain.productitem' doesn't exist
```

```
mysql> desc productitem;
```

```
ERROR 1146 (42S02): Table 'clothing_store_chain.productitem' doesn't exist
```

```
mysql> desc productreturn;
```

Field	Type	Null	Key	Default	Extra
ReturnID	int	NO	PRI	NULL	
OrderItemID	int	YES	MUL	NULL	
Reason	enum('Defect','Size Mismatch','Not Matching Description')	YES		NULL	
ReturnDate	datetime	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

```
4 rows in set (0.00 sec)
```

```
mysql> desc reviewflag;
```

Field	Type	Null	Key	Default	Extra
FlagID	int	NO	PRI	NULL	
ReturnID	int	YES	MUL	NULL	
Reason	text	YES		NULL	
FlagDate	datetime	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED

```
4 rows in set (0.00 sec)
```

```
mysql> select* from customer;
```

CustomerID	Name	Email	Preference
1	Waleed	waleed@example.com	Casual Wear
2	walii	walii@example.com	Formal Dresses
3	Ali	ali@example.com	Wedding Collection
4	ahmed	ahmed@example.com	Spring Collection
5	Usman	usman@example.com	Comfort Wear
12	waleed	artist.scope42@gmail.com	good

```
6 rows in set (0.04 sec)
```

```
mysql> select* from inventory;
```

InventoryID	ProductID	Quantity	StoreLocation
2	12	10	sheikhupura
201	101	10	Lahore
202	102	5	Islamabad
203	103	8	Karachi
204	104	12	Sheikhupura
205	105	4	Multan

```
6 rows in set (0.03 sec)
```

```
mysql> select* from `order`;
```

OrderID	CustomerID	OrderDate	TotalPrice
1	12	2025-05-05	150.75
301	1	2025-05-01	9999.99
302	2	2025-05-02	4500.50
303	3	2025-05-03	7999.75
304	4	2025-05-04	6500.00
305	5	2025-05-05	3000.00

```
6 rows in set (0.03 sec)
```

```
mysql> select* from orderitem;
```

OrderItemID	OrderID	ProductID	Price	Quantity
20	1	12	5000.00	2
401	301	101	2000.00	2
402	302	102	4500.50	1
403	303	103	4000.00	2
404	304	104	3250.00	2
405	305	105	3000.00	1

```
6 rows in set (0.03 sec)
```

```
mysql> select* from product;
```

ProductID	ProductName	Size	FabricType	Season	Description
12	Cotton Shirt	42	Cotton	Spring	Lightweight cotton shirt for spring season.
101	Cotton Shirt	40	Cotton	Spring	Lightweight cotton shirt for spring.
102	Silk Kurta	42	Silk	Wedding	Elegant silk kurta for weddings.
103	Denim Jeans	32	Denim	Fall	Stylish jeans for fall.
104	Lawn Suit	38	Lawn	Spring	Printed lawn suit for casual wear.
105	Velvet Blazer	44	Velvet	Wedding	Premium blazer for formal occasions.

```
6 rows in set (0.06 sec)
```

```
mysql> select* from productreturn;
```

ReturnID	OrderItemID	Reason	ReturnDate
501	401	Defect	2025-05-11 15:33:44
502	402	Size Mismatch	2025-05-11 15:33:44
503	403	Not Matching Description	2025-05-11 15:33:44
504	404	Size Mismatch	2025-05-11 15:33:44
505	405	Defect	2025-05-11 15:33:44

```
5 rows in set (0.04 sec)
```

```
mysql> select* from reviewflag;
```

FlagID	ReturnID	Reason	FlagDate
601	501	Fabric was torn	2025-05-11 15:33:56
602	502	Size issue reported	2025-05-11 15:33:56
603	503	Not like in picture	2025-05-11 15:33:56
604	504	Returned due to wrong fit	2025-05-11 15:33:56
605	505	Color faded	2025-05-11 15:33:56

```
5 rows in set (0.07 sec)
```

```
mysql> ALTER TABLE customer ADD PhoneNumber VARCHAR(15);
Query OK, 0 rows affected (0.43 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> ALTER TABLE customer DROP COLUMN Preference;
Query OK, 0 rows affected (0.51 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> ALTER TABLE product MODIFY Description VARCHAR(500);
Query OK, 6 rows affected (0.63 sec)
Records: 6 Duplicates: 0 Warnings: 0
```

```
mysql> ALTER TABLE customer RENAME COLUMN Name TO FullName;
Query OK, 0 rows affected (0.25 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc customer;
```

Field	Type	Null	Key	Default	Extra
CustomerID	int	NO	PRI	NULL	
FullName	varchar(100)	YES		NULL	
Email	varchar(100)	YES		NULL	
PhoneNumber	varchar(15)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> UPDATE customer SET Email = 'waleed123@gmail.com' WHERE CustomerID = 1;
Query OK, 1 row affected (0.10 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> UPDATE inventory SET Quantity = 15 WHERE InventoryID = 202;
Query OK, 1 row affected (0.10 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> UPDATE product
-> SET ProductName = 'Linen Kurta', FabricType = 'Linen'
-> WHERE ProductID = 102;
Query OK, 1 row affected (0.06 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> desc inventory;
```

Field	Type	Null	Key	Default	Extra
InventoryID	int	NO	PRI	NULL	
ProductID	int	YES	MUL	NULL	
Quantity	int	YES		NULL	
StoreLocation	varchar(100)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> select* from inventory;
```

InventoryID	ProductID	Quantity	StoreLocation
2	12	10	sheikhupura
201	101	10	Lahore
202	102	15	Islamabad
203	103	8	Karachi
204	104	12	Sheikhupura
205	105	4	Multan

```
6 rows in set (0.00 sec)
```

```
mysql> select* from product;
```

ProductID	ProductName	Size	FabricType	Season	Description
12	Cotton Shirt	42	Cotton	Spring	Lightweight cotton shirt for spring season.
101	Cotton Shirt	40	Cotton	Spring	Lightweight cotton shirt for spring.
102	Linen Kurta	42	Linen	Wedding	Elegant silk kurta for weddings.
103	Denim Jeans	32	Denim	Fall	Stylish jeans for fall.
104	Lawn Suit	38	Lawn	Spring	Printed lawn suit for casual wear.
105	Velvet Blazer	44	Velvet	Wedding	Premium blazer for formal occasions.

```
6 rows in set (0.00 sec)
```

```
mysql> SELECT FullName, Email FROM customer;
```

FullName	Email
Waleed	waleed123@gmail.com
walii	walii@example.com
Ali	ali@example.com
ahmed	ahmed@example.com
Usman	usman@example.com
waleed	artist.scope42@gmail.com

```
6 rows in set (0.00 sec)
```

```
mysql> SELECT * FROM product WHERE Season = 'Spring';
```

ProductID	ProductName	Size	FabricType	Season	Description
12	Cotton Shirt	42	Cotton	Spring	Lightweight cotton shirt for spring season.
101	Cotton Shirt	40	Cotton	Spring	Lightweight cotton shirt for spring.
104	Lawn Suit	38	Lawn	Spring	Printed lawn suit for casual wear.

```
3 rows in set (0.00 sec)
```

---

```
mysql> SELECT column_name FROM table_name;
ERROR 1146 (42S02): Table 'clothing_store_chain.table_name' doesn't exist
mysql> SELECT ProductName FROM product;
```

ProductName
Cotton Shirt
Cotton Shirt
Linen Kurta
Denim Jeans
Lawn Suit
Velvet Blazer

```
6 rows in set (0.00 sec)
```

```
mysql> ^C
mysql> SELECT FullName FROM customer;
```

FullName
Waleed
walii
Ali
ahmed
Usman
waleed

```
6 rows in set (0.00 sec)
```

```
mysql> SELECT DISTINCT column_name FROM table_name;
ERROR 1146 (42S02): Table 'clothing_store_chain.table_name' doesn't exist
mysql> SELECT DISTINCT Category FROM product;
ERROR 1054 (42S22): Unknown column 'Category' in 'field list'
mysql> SELECT DISTINCT Category FROM product;
ERROR 1054 (42S22): Unknown column 'Category' in 'field list'
```

```

ERROR 1054 (42S22): Unknown column 'Name' in 'field list'
mysql> SELECT ProductName as Name FROM Product;
+-----+
| Name |
+-----+
| Cotton Shirt |
| Cotton Shirt |
| Linen Kurta |
| Denim Jeans |
| Lawn Suit |
| Velvet Blazer |
+-----+
6 rows in set (0.00 sec)

mysql> SELECT Name ProductName
-> FROM Product;
ERROR 1054 (42S22): Unknown column 'Name' in 'field list'
mysql> SELECT Name, Price
-> FROM Product
-> WHERE Price > 1000;
ERROR 1054 (42S22): Unknown column 'Name' in 'field list'
mysql> SELECT Name, Category
-> FROM Product
-> WHERE Category = 'Men';
ERROR 1054 (42S22): Unknown column 'Name' in 'field list'
mysql> SELECT Name, Category
-> FROM Product
-> WHERE Category = 'Men';
ERROR 1054 (42S22): Unknown column 'Name' in 'field list'
mysql> SELECT *
-> FROM Product
-> WHERE Category = 'Women' AND Price < 5000;
ERROR 1054 (42S22): Unknown column 'Category' in 'where clause'
mysql> SELECT COUNT(*), AVG(Price)
-> FROM Product;
ERROR 1054 (42S22): Unknown column 'Price' in 'field list'
mysql> desc product;

mysql> desc product;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| ProductID | int | NO | PRI | NULL | |
| ProductName | varchar(100) | YES | | NULL | |
| Size | int | YES | | NULL | |
| FabricType | varchar(50) | YES | | NULL | |
| Season | enum('Spring','Fall','Wedding') | YES | | NULL | |
| Description | varchar(500) | YES | | NULL | |
+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> SELECT ProductName
-> FROM Product;
+-----+
| ProductName |
+-----+
| Cotton Shirt |
| Cotton Shirt |
| Linen Kurta |
| Denim Jeans |
| Lawn Suit |
| Velvet Blazer |
+-----+
6 rows in set (0.00 sec)

mysql> SELECT ProductName, Price
-> FROM Product
-> WHERE Price > 1000;
ERROR 1054 (42S22): Unknown column 'Price' in 'field list'
mysql> ALTER TABLE Product ADD COLUMN Price INT(10);
Query OK, 0 rows affected, 1 warning (0.20 sec)
Records: 0 Duplicates: 0 Warnings: 1

mysql> ALTER TABLE Product
-> ADD COLUMN Category ENUM('Men', 'Women', 'Kids');
Query OK, 0 rows affected (0.27 sec)
Records: 0 Duplicates: 0 Warnings: 0

```

```
mysql> desc product;
```

Field	Type	Null	Key	Default	Extra
ProductID	int	NO	PRI	NULL	
ProductName	varchar(100)	YES		NULL	
Size	int	YES		NULL	
FabricType	varchar(50)	YES		NULL	
Season	enum('Spring','Fall','Wedding')	YES		NULL	
Description	varchar(500)	YES		NULL	
Price	int	YES		NULL	
Category	enum('Men','Women','Kids')	YES		NULL	

```
8 rows in set (0.00 sec)
```

```
mysql> UPDATE Product
```

```
-> SET Price = 1200, Category = 'Men'
```

```
-> WHERE ProductID = 1;
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
Rows matched: 0 Changed: 0 Warnings: 0
```

```
mysql>
```

```
mysql> UPDATE Product
```

```
-> SET Price = 3000, Category = 'Women'
```

```
-> WHERE ProductID = 2;
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
Rows matched: 0 Changed: 0 Warnings: 0
```

```
mysql>
```

```
mysql> -- Continue for remaining rows
```

```
mysql> SELECT ProductName, Price
```

```
-> FROM Product
```

```
-> WHERE Price > 1000;
```

```
Empty set (0.00 sec)
```

```
mysql> SELECT ProductName, Category
```

```
-> FROM Product
```

```
-> WHERE Category = 'Men';
```

```
Empty set (0.00 sec)
```

```
mysql> SELECT ProductID, ProductName FROM Product;
```

ProductID	ProductName
12	Cotton Shirt
101	Cotton Shirt
102	Linen Kurta
103	Denim Jeans
104	Lawn Suit
105	Velvet Blazer

```
6 rows in set (0.00 sec)
```

```
mysql> UPDATE Product
```

```
-> SET Price = 1200, Category = 'Men'
```

```
-> WHERE ProductID = 10;
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
Rows matched: 0 Changed: 0 Warnings: 0
```

```
mysql>
```

```
mysql> UPDATE Product
```

```
-> SET Price = 3000, Category = 'Women'
```

```
-> WHERE ProductID = 11;
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
Rows matched: 0 Changed: 0 Warnings: 0
```

```
mysql> SELECT ProductName, Price
```

```
-> FROM Product
```

```
-> WHERE Price > 1000;
```

```
Empty set (0.00 sec)
```

```
mysql>
```

```
mysql> SELECT ProductName, Category
```

```
-> FROM Product
```

```
-> WHERE Category = 'Men';
```

```
Empty set (0.00 sec)
```

```
mysql> UPDATE Product
```

```
-> SET Price = 1200, Category = 'Men'
```

```
-> WHERE ProductID = 101;
```

```
Query OK, 1 row affected (0.05 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```



```
mysql> UPDATE Product
-> SET Price = 1200, Category = 'Men'
-> WHERE ProductID = 101;
Query OK, 1 row affected (0.05 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql>
mysql> UPDATE Product
-> SET Price = 3000, Category = 'Women'
-> WHERE ProductID = 102;
Query OK, 1 row affected (0.05 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql>
mysql> UPDATE Product
-> SET Price = 4500, Category = 'Men'
-> WHERE ProductID = 103;
Query OK, 1 row affected (0.07 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql>
mysql> UPDATE Product
-> SET Price = 3500, Category = 'Women'
-> WHERE ProductID = 104;
Query OK, 1 row affected (0.08 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql>
mysql> UPDATE Product
-> SET Price = 7000, Category = 'Men'
-> WHERE ProductID = 105;
Query OK, 1 row affected (0.07 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql>
mysql> UPDATE Product
-> SET Price = 1000, Category = 'Women'
-> WHERE ProductID = 12;
Query OK, 1 row affected (0.08 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> select* from product;
+-----+-----+-----+-----+-----+-----+-----+-----+
| ProductID | ProductName | Size | FabricType | Season | Description | Price | Category |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 12 | Cotton Shirt | 42 | Cotton | Spring | Lightweight cotton shirt for spring season. | 1000 | Women |
| 101 | Cotton Shirt | 40 | Cotton | Spring | Lightweight cotton shirt for spring. | 1200 | Men |
| 102 | Linen Kurta | 42 | Linen | Wedding | Elegant silk kurta for weddings. | 3000 | Women |
| 103 | Denim Jeans | 32 | Denim | Fall | Stylish jeans for fall. | 4500 | Men |
| 104 | Lawn Suit | 38 | Lawn | Spring | Printed lawn suit for casual wear. | 3500 | Women |
| 105 | Velvet Blazer | 44 | Velvet | Wedding | Premium blazer for formal occasions. | 7000 | Men |
+-----+-----+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

```
mysql> SELECT ProductName, Price FROM Product WHERE Price > 1000;
+-----+-----+
| ProductName | Price |
+-----+-----+
| Cotton Shirt | 1200 |
| Linen Kurta | 3000 |
| Denim Jeans | 4500 |
| Lawn Suit | 3500 |
| Velvet Blazer | 7000 |
+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql>
mysql> SELECT ProductName, Category FROM Product WHERE Category = 'Men';
+-----+-----+
| ProductName | Category |
+-----+-----+
| Cotton Shirt | Men |
| Denim Jeans | Men |
| Velvet Blazer | Men |
+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> SELECT ProductID, ProductName, Price, Category FROM Product;
```

ProductID	ProductName	Price	Category
12	Cotton Shirt	1000	Women
101	Cotton Shirt	1200	Men
102	Linen Kurta	3000	Women
103	Denim Jeans	4500	Men
104	Lawn Suit	3500	Women
105	Velvet Blazer	7000	Men

```
6 rows in set (0.00 sec)
```

```
mysql> UPDATE Product
```

```
-> SET Price = 1500, Category = 'Electronics'
```

```
-> WHERE ProductID = 101;
```

```
ERROR 1265 (01000): Data truncated for column 'Category' at row 1
```

```
mysql> ALTER TABLE Product
```

```
-> MODIFY Category ENUM('Men', 'Women', 'Kids', 'Electronics');
```

```
Query OK, 0 rows affected (0.16 sec)
```

```
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> UPDATE Product
```

```
-> SET Price = 1500, Category = 'Electronics'
```

```
-> WHERE ProductID = 101;
```

```
Query OK, 1 row affected (0.04 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> desc product;
```

Field	Type	Null	Key	Default	Extra
ProductID	int	NO	PRI	NULL	
ProductName	varchar(100)	YES		NULL	
Size	int	YES		NULL	
FabricType	varchar(50)	YES		NULL	
Season	enum('Spring', 'Fall', 'Wedding')	YES		NULL	
Description	varchar(500)	YES		NULL	
Price	int	YES		NULL	
Category	enum('Men', 'Women', 'Kids', 'Electronics')	YES		NULL	

```
8 rows in set (0.00 sec)
```

```
mysql> select* from produt;
```

```
ERROR 1146 (42S02): Table 'clothing_store_chain.produt' doesn't exist
```

```
mysql> select* from product;
```

ProductID	ProductName	Size	FabricType	Season	Description	Price	Category
12	Cotton Shirt	42	Cotton	Spring	Lightweight cotton shirt for spring season.	1000	Women
101	Cotton Shirt	40	Cotton	Spring	Lightweight cotton shirt for spring.	1500	Electronics
102	Linen Kurta	42	Linen	Wedding	Elegant silk kurta for weddings.	3000	Women
103	Denim Jeans	32	Denim	Fall	Stylish jeans for fall.	4500	Men
104	Lawn Suit	38	Lawn	Spring	Printed lawn suit for casual wear.	3500	Women
105	Velvet Blazer	44	Velvet	Wedding	Premium blazer for formal occasions.	7000	Men

```
6 rows in set (0.00 sec)
```

```
mysql> SELECT Name, Price
```

```
-> FROM Product
```

```
-> ORDER BY Price ASC;
```

```
ERROR 1054 (42S22): Unknown column 'Name' in 'field list'
```

```
mysql> SELECT Name, Price
```

```
-> FROM Product
```

```
-> ORDER BY Price ASC;
```

```
ERROR 1054 (42S22): Unknown column 'Name' in 'field list'
```

```
mysql> SELECT ProductName, Price FROM Product ORDER BY Price ASC;
```

ProductName	Price
Cotton Shirt	1000
Cotton Shirt	1500
Linen Kurta	3000
Lawn Suit	3500
Denim Jeans	4500
Velvet Blazer	7000

```
6 rows in set (0.00 sec)
```

```
mysql> SELECT ProductName, Price FROM Product ORDER BY Price DESC;
```

ProductName	Price
Velvet Blazer	7000
Denim Jeans	4500
Lawn Suit	3500
Linen Kurta	3000
Cotton Shirt	1500
Cotton Shirt	1000

6 rows in set (0.00 sec)

```
mysql> SELECT *
-> FROM Product
-> ORDER BY Category ASC, Price DESC;
```

ProductID	ProductName	Size	FabricType	Season	Description	Price	Category
105	Velvet Blazer	44	Velvet	Wedding	Premium blazer for formal occasions.	7000	Men
103	Denim Jeans	32	Denim	Fall	Stylish jeans for fall.	4500	Men
104	Lawn Suit	38	Lawn	Spring	Printed lawn suit for casual wear.	3500	Women
102	Linen Kurta	42	Linen	Wedding	Elegant silk kurta for weddings.	3000	Women
12	Cotton Shirt	42	Cotton	Spring	Lightweight cotton shirt for spring season.	1000	Women
101	Cotton Shirt	40	Cotton	Spring	Lightweight cotton shirt for spring.	1500	Electronics

6 rows in set (0.00 sec)

```
mysql> SELECT Name, Price, Category
-> FROM Product
-> WHERE Price < 100 OR Category = 'Clothing';
ERROR 1054 (42S22): Unknown column 'Name' in 'field list'
```

```
mysql> *BSELECT Name, Price, Category
-> FROM Product
-> WHERE (Price < 100 OR Category = 'Electronics') AND NOT Category = 'Clothing';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '*BSELECT Name, Price, Category'
```

```
mysql> DESC Product;
```

Field	Type	Null	Key	Default	Extra
ProductID	int	NO	PRI	NULL	
ProductName	varchar(100)	YES		NULL	
Size	int	YES		NULL	
FabricType	varchar(50)	YES		NULL	
Season	enum('Spring','Fall','Wedding')	YES		NULL	
Description	varchar(500)	YES		NULL	
Price	int	YES		NULL	
Category	enum('Men','Women','Kids','Electronics')	YES		NULL	

8 rows in set (0.00 sec)

```
mysql> SELECT ProductName, Price, Category
-> FROM Product
-> WHERE (Price < 100 OR Category = 'Electronics') AND Category != 'Clothing';
```

ProductName	Price	Category
Cotton Shirt	1500	Electronics

1 row in set (0.00 sec)

```
mysql> SELECT AVG(Price)
-> FROM Product;
```

AVG(Price)
3416.6667

1 row in set (0.02 sec)

```
mysql> SELECT COUNT(*), AVG(Price)
-> FROM Product;
```

COUNT(*)	AVG(Price)
6	3416.6667

1 row in set (0.00 sec)

```
mysql> SELECT COUNT(*), AVG(Price)
-> FROM Product;
```

```
+-----+-----+
| COUNT(*) | AVG(Price) |
+-----+-----+
|          6 | 3416.6667 |
+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT COUNT(Price)
-> FROM Product;
```

```
+-----+
| COUNT(Price) |
+-----+
|          6 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT COUNT(*)
-> FROM Product;
```

```
+-----+
| COUNT(*) |
+-----+
|          6 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> ^S
```